

Notice of Allowability

Application No.

10/812,885

Applicant(s)

EBISAWA ET AL.

Examiner

Art Unit

Tung X. Le

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to filing on 03/31/2004.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 02/24/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.


TAN HO
PRIMARY EXAMINER

DETAILED ACTION

1. This is a response to the applicant's filing on March 31, 2004. In virtue of this filing, claims 1-20 are currently presented in the instant application.

Allowable Subject Matter

2. Claims 1-20 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Regarding claims 1 and 11, Oshiyama (U.S 6,201,503) discloses a mobile communication unit comprising a main body having a hollow antenna mount formed on the main body, the antenna mount having a fitting portion formed inside and a fixing member of conducting material supported inside; an RF functional unit contained in the main body and connected with the fixing member; a hollow and cylindrical antenna holder including a portion of conducting material with a projection formed outside, the antenna holder being fixed in the hollow antenna mount by the fixing member; and a rod antenna element held by the antenna holder, the rod antenna element being extensible in the longitudinal direction. However, Oshiyama fails to disclose or fairly suggest, among other figures, a hollow and cylindrical antenna casing having the antenna holder arranged inside, and the antenna casing having a counter portion of the fitting portion outside; and a fixed antenna element attached to the inner wall of the antenna casing, the fixed antenna element having a resilient feeding end pressed against and in contact with the projection.

Claims 2-8 and 12-20 are allowed for depending on claims 1 and 11.

Regarding to claim 9, Oshiyama (U.S. 6,201,503) discloses a mobile communication unit comprising an antenna mount having a nut made of conducting material supported inside; and a hollow and cylindrical antenna holder including a portion of conducting material with a ring formed around the portion and an external screw formed around the portion. However, Oshiyama fails to disclose or fairly suggest, among other figures, a hollow and cylindrical antenna casing having the antenna holder arranged inside, and the antenna casing having a counter portion of the fitting portion outside; and a fixed antenna element attached to the inner wall of the antenna casing, the fixed antenna element having a resilient feeding end pressed against and in contact with the projection.

Claim 10 is allowed for depending on claim 9.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Citation of Relevant Prior Art

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Egashira (U.S. 5,546,094) discloses a telescopic antenna for portable telephone;

- Hebron et al. (U.S. 6,642,893) discloses a multi-band antenna system including a retractable antenna and a meander antenna;
- Oshiyama (U.S. 2001/0001554 A1) discloses an antenna for portable radio; and
- Amano et al. (U.S. 2001/0023178 A1) discloses a mobile communication station and its associated antenna.

Inquiry

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tung X. Le whose telephone number is 571-272-6010. The examiner can normally be reached on 8:30 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571-272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner

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